

CLAIMS

What is claimed is:

Sub A1 > 1. A joint system comprising:

a first member having a predetermined shape, first and second opposed surfaces, and a first predetermined thickness;

5 a cavity formed in the first member that has a predetermined inner partially curved contour, that is exposed at the first surface of the first member and along a portion of an edge of the first member, and that has a depth that extends a predetermined distance below the first surface, and wherein the depth of the cavity is a predetermined portion of the thickness of the first member; and

10 a second member having a predetermined shape, first and second opposed surfaces, and a second predetermined thickness, and having a tab with an outer partially curved contour that substantially matches the inner contour of the cavity in the first member so that the tab fits within the cavity, which tab a thickness that substantially matches the depth of the cavity formed in the first member.

Sub A2 > 2. The joint system recited in Claim 1 wherein the thicknesses of the first and second members are substantially the same.

3. The joint system recited in Claim 1 wherein the inner contour of the cavity and the outer contour of the tab are sized to allow a glue to be disposed therebetween.

4. The joint system recited in Claim 1 wherein the inner partially curved contour of the cavity and the outer partially curved contour of the tab have the shape of a piece of a puzzle.

5. The joint system recited in Claim 1 wherein the inner partially curved contour of the cavity and the outer partially curved contour of the tab have the shape of a molar tooth.

Sub A3 > 6. A joint system comprising:

a first member having a predetermined shape, first and second opposed surfaces, and a first predetermined thickness that comprises a cavity having a predetermined inner contour, that is exposed at the first surface, that is exposed along a portion of an edge of

5 the first member, and that has a depth that extends a predetermined distance below the first surface; and

10 a second member having a predetermined shape, first and second opposed surfaces, and a second predetermined thickness, that comprises a tab with an outer contour that substantially matches the inner contour of the cavity and that fits within the cavity.

sub 0.7. The joint system recited in Claim 6 wherein the depth of the cavity and the thickness of the tab are substantially the same.

8. The joint system recited in Claim 6 wherein the thicknesses of the first and second members are substantially the same.

9. The joint system recited in Claim 6 wherein the inner contour of the cavity and the outer contour of the tab are sized to allow a glue to be disposed therebetween.

10. The joint system recited in Claim 6 wherein the inner contour of the cavity and the outer contour of the tab have the shape of a piece of a puzzle.

11. The joint system recited in Claim 6 wherein the inner contour of the cavity and the outer contour of the tab have the shape of a molar tooth.

sub 0.8. 12. A joint system comprising:

5 a first member having a predetermined shape, first and second opposed surfaces, and a first predetermined thickness that comprises a cavity having a predetermined inner partially curved contour, that is exposed at the first surface, that is exposed along a portion of an edge of the first member, and that has a depth that extends a predetermined distance below the first surface; and

10 a second member having a predetermined shape, first and second opposed surfaces, and a second predetermined thickness, that comprises a tab with an outer partially curved contour that substantially matches the inner partially curved contour of the cavity and that fits within the cavity.

sub 0.9. 13. The joint system recited in Claim 12 wherein the depth of the cavity and the thickness of the tab are substantially the same.

14. The joint system recited in Claim 12 wherein the thicknesses of the first and second members are substantially the same.

15. The joint system recited in Claim 12 wherein the inner partially curved contour of the cavity and the outer partially curved contour of the tab are sized to allow a glue to be disposed therebetween.

16. The joint system recited in Claim 12 wherein the inner partially curved contour of the cavity and the outer partially curved contour of the tab have the shape of a piece of a puzzle.

17. The joint system recited in Claim 12 wherein the inner partially curved contour of the cavity and the outer partially curved contour of the tab have the shape of a molar tooth.